

## WEST Search History





DATE: Saturday, September 10, 2005

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L65	L64 and ((drum or shutter or cover or shield\$4) with (arm or support or projection))	0
<input type="checkbox"/>	L64	20040114959	2
<input type="checkbox"/>	L63	L62 and ((drum or shutter or cover or shield\$4) with (arm or support or projection))	1
<input type="checkbox"/>	L62	L61 and ((toner) with (cartridge))	8
<input type="checkbox"/>	L61	L60 and (matthew.in.)	975
<input type="checkbox"/>	L60	("daniels".in.)	114892
<input type="checkbox"/>	L59	L58 and ((toner) with (cartridge))	9
<input type="checkbox"/>	L58	L57 and ((drum or shutter or cover or shield\$4) with (arm or support or projection))	66
<input type="checkbox"/>	L57	L56 and ((waste or ((used or old or used-up or empty) with toner) or trash or rubbish) with (bin or receptacle or contain\$4 or collection or collect\$3 or device or reservoir))	1439
<input type="checkbox"/>	L56	(daniels.in.)	114892
<input type="checkbox"/>	L55	((reus\$3 or recycl\$3 or convert\$3 or conversion) with ((toner) with (cartridge)) with (different or another) with (type or kind or model\$3))	4
<input type="checkbox"/>	L54	L53 and (model\$3)	7
<input type="checkbox"/>	L53	L52 and ((waste or ((used or old or used-up or empty) with toner) or trash or rubbish) with (bin or receptacle or contain\$4 or collection or collect\$3 or device or reservoir))	89
<input type="checkbox"/>	L52	L51 and ((drum or shutter or cover or shield\$4) with (arm or support or projection))	128
<input type="checkbox"/>	L51	L50 and (arm or support or projection)	144
<input type="checkbox"/>	L50	L49 and (operat\$3 or operation\$4 or function\$4 or work\$4)	177
<input type="checkbox"/>	L49	L48 and ((modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4 or remanufactur\$4 or recondition\$4 or conver\$4 or convert\$3) with ((toner) with (cartridge)) )	181
<input type="checkbox"/>	L48	L47 and ((toner) with (cartridge))	1055
<input type="checkbox"/>	L47	((drum) with (cover\$4 or shutter or shield\$3))	39119
<input type="checkbox"/>	L46	L45 and (jig)	5
<input type="checkbox"/>	L45	L44 and (((toner) with (cartridge)) with ((drum) with (cover\$4 or shutter or shield\$3)))	22
	L44	L43 and ((remov\$4 or cut\$4) with (cover\$4 or shutter or shield\$3 or arm or	123

<input type="checkbox"/>		support))	
<input type="checkbox"/>	L43	L42 and ((drum) with (cover\$4 or shutter or shield\$3))	167
<input type="checkbox"/>	L42	L41 and ((waste or ((used or old or used-up or empty) with toner) or trash or rubbish) with (bin or receptacle or contain\$4 or collection or collect\$3 or device or reservoir))	550
<input type="checkbox"/>	L41	L40 and (toner)	1221
<input type="checkbox"/>	L40	((cartridge) with (recycl\$4 or conver\$4 or refurbish\$4 or remanufactur\$4))	7670
<input type="checkbox"/>	L39	L38 and ((drum) with (cover\$4 or shutter or shield\$3))	2
<input type="checkbox"/>	L38	L37 and ((modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4 or remanufactur\$4 or recondition\$4) with ((toner) with (cartridge)) with (operat\$4 or function\$4 or work\$4) with (first or primary or initial or type or kind) with (second or secondary or another or type or kind))	25
<input type="checkbox"/>	L37	L36 and ((modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4 or remanufactur\$4 or recondition\$4) with ((toner) with (cartridge)) with (operat\$4 or function\$4 or work\$4) with (first or primary or initial or type or kind) )	35
<input type="checkbox"/>	L36	L35 and ((modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4 or remanufactur\$4 or recondition\$4) with ((toner) with (cartridge)) with (operat\$4 or function\$4 or work\$4) )	163
<input type="checkbox"/>	L35	L34 and (first or primary or initial or second or secondary or another or type or kind)	912
<input type="checkbox"/>	L34	L33 and (first or primary or initial or system or device or apparatus on instrument or printer or copier or xerograp\$4)	970
<input type="checkbox"/>	L33	L31 and (operat\$3 or operation\$4 or function\$3 or functionable or work\$4)	978
<input type="checkbox"/>	L32	L31 and (operat\$4 or function\$4 or work\$4)	976
<input type="checkbox"/>	L31	((modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4 or remanufactur\$4 or recondition\$4) with ((toner) with (cartridge)))	1231
<input type="checkbox"/>	L30	L29 and (jig)	12
<input type="checkbox"/>	L29	L28 and ((remov\$4 or cut\$4) with (cover\$4 or shutter or shield\$3 or arm or support))	88
<input type="checkbox"/>	L28	L26 and (remov\$4 or cut\$4)	118
<input type="checkbox"/>	L27	L26 and ((mount\$4 or attach\$4 or secur\$3) with (chip))	5
<input type="checkbox"/>	L26	L25 and ((drum) with (cover\$4 or shutter or shield\$3))	119
<input type="checkbox"/>	L25	L17 and ((waste or ((used or old or used-up or empty) with toner) or trash or rubbish) with (bin or receptacle or contain\$4 or collection or collect\$3 or device))	425
<input type="checkbox"/>	L24	L20 and ((mount\$4 or attach\$4 or secur\$3) with (chip))	4
<input type="checkbox"/>	L23	L22 and ((mount\$4 or attach\$4 or secur\$3) with (chip))	2
<input type="checkbox"/>	L22	L21 and (jig)	5
<input type="checkbox"/>	L21	L20 and (patch\$4 or cover\$4 or fill\$3)	40
<input type="checkbox"/>	L20	L19 and (remov\$4 or hole or mount\$4 or cut\$4 or attach\$4)	41

<input type="checkbox"/>	L19	L18 and ((waste or ((used or old or used-up or empty) with toner) or trash or rubbish) with (bin or receptacle or contain\$4 or collection or collect\$3 or device))	41
<input type="checkbox"/>	L18	L17 and ((shutter or shield\$3 or aperature or iris) with (arm or support or chip))	59
<input type="checkbox"/>	L17	L16 and (drum)	715
<input type="checkbox"/>	L16	L15 and ((modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4 or remanufactur\$4 or recondition\$4) with ((toner) with (cartridge)))	1231
<input type="checkbox"/>	L15	L2 and (modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4 or remanufactur\$4 or recondition\$4)	10262
<input type="checkbox"/>	L14	L2 and (modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4 and remanufactur\$4 or recondition\$4)	9130
<input type="checkbox"/>	L13	L12 and (jig or cutter)	1
<input type="checkbox"/>	L12	L11 and ((shutter or shield\$3 or aperature or iris) with (arm or support or chip))	23
<input type="checkbox"/>	L11	L10 and (arm or support or chip)	68
<input type="checkbox"/>	L10	L8 and ((drum) with (shutter or shield\$3 or aperature or iris))	84
<input type="checkbox"/>	L9	L8 and (shutter or shield\$3 or aperature or iris)	182
<input type="checkbox"/>	L8	L7 and (drum)	529
<input type="checkbox"/>	L7	L6 and (bin or receptacle or contain\$4 or collection or collect\$3 or device)	745
<input type="checkbox"/>	L6	L5 and (waste or ((used or old or used-up or empty) with toner) or trash or rubbish)	777
<input type="checkbox"/>	L5	L4 and ((modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4) with ((toner) with (cartridge)))	1111
<input type="checkbox"/>	L4	L3 and ((toner) with (cartridge))	6567
<input type="checkbox"/>	L3	L2 and (modify\$3 or modifi\$4 or modification or refurbish\$4 of alter\$3 or adapt\$4 or adjust\$3 or chang\$4)	10211
<input type="checkbox"/>	L2	L1 and (cartridge)	19425
<input type="checkbox"/>	L1	(toner)	215991

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040170445 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 1

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
JIG	128479
JIGS	22461
CUTTER	288082
CUTTERS	77948
(12 AND (JIG OR CUTTER)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
(L12 AND (JIG OR CUTTER) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

Display Format:

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20050196180 A1

Using default format because multiple data bases are involved.

L22: Entry 1 of 5

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050196180  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050196180 A1

TITLE: Cartridge, indentification information tag and image forming device

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harumoto, Katsumi	Iwatsuki-shi		JP	

US-CL-CURRENT: 399/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D.
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☐ 2. Document ID: US 20040170445 A1

L22: Entry 2 of 5

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw D.
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☐ 3. Document ID: US 20040126131 A1

L22: Entry 3 of 5

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040126131  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040126131 A1

TITLE: Remanufacturing method for developer supplying device

PUBLICATION-DATE: July 1, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Numagami, Atsushi	Hadano-shi		JP	
Matsuda, Kenji	Numazu-shi		JP	
Fujita, Akiyoshi	Numazu-shi		JP	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20020034398 A1

L22: Entry 4 of 5

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034398  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020034398 A1

TITLE: Remanufacturing method for process cartridge

PUBLICATION-DATE: March 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Higeta, Akira	Funabashi-shi		JP	
Yasuda, Satoshi	Tokyo		JP	
Kakumi, Yoshiyuki	Tuchiura-shi		JP	

US-CL-CURRENT: 399/109; 399/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 6615008 B2

L22: Entry 5 of 5

File: USPT

Sep 2, 2003

US-PAT-NO: 6615008  
DOCUMENT-IDENTIFIER: US 6615008 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Remanufacturing method for process cartridge

DATE-ISSUED: September 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Higeta; Akira	Funabashi			JP
Yasuda; Satoshi	Tokyo			JP
Kakumi; Yoshiyuki	Tuchiura			JP

US-CL-CURRENT: 399/109; 399/11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
JIG	128479
JIGS	22461
(21 AND JIG).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5
(L21 AND (JIG)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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☐ 1. Document ID: US 20050196180 A1

Using default format because multiple data bases are involved.

L23: Entry 1 of 2

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050196180

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050196180 A1

TITLE: Cartridge, indentification information tag and image forming device

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harumoto, Katsumi	Iwatsuki-shi		JP	

US-CL-CURRENT: 399/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw.Ds
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☐ 2. Document ID: US 20040170445 A1

L23: Entry 2 of 2

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw.Ds
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Clear

Generate Collection

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Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
CHIP	639905
CHIPS	286857
MOUNT\$4	0
MOUNT	1063917
MOUNTA	446
MOUNTAA	3
MOUNTAAD	1
MOUNTAALE	1
MOUNTAAM	1
MOUNTAA-N	1
MOUNTAB	101
(L22 AND((MOUNT\$4 OR ATTACH\$4 OR SECUR\$3) WITH (CHIP))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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☐ 1. Document ID: US 20050196180 A1

Using default format because multiple data bases are involved.

L24: Entry 1 of 4

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050196180

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050196180 A1

TITLE: Cartridge, indentification information tag and image forming device

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Harumoto, Katsumi	Iwatsuki-shi		JP	

US-CL-CURRENT: 399/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D.
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☐ 2. Document ID: US 20050135836 A1

L24: Entry 2 of 4

File: PGPB

Jun 23, 2005

PGPUB-DOCUMENT-NUMBER: 20050135836

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050135836 A1

TITLE: Methods for printer cartridge conversion

PUBLICATION-DATE: June 23, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rogers, Justin Lee	Sanford	NC	US	
Jones, James H.	Fayetteville	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. D.
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☐ 3. Document ID: US 20040170445 A1

L24: Entry 3 of 4

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20040170445 A1

L24: Entry 4 of 4

File: DWPI

Sep 2, 2004

DERWENT-ACC-NO: 2004-651594  
DERWENT-WEEK: 200463  
COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Toner cartridge modification method for laser printer, involves removing portion of shutter arm provided in drum shutter connected to waste bin, and portion of waste bin, simultaneously

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
CHIP	639905
CHIPS	286857
MOUNT\$4	0
MOUNT	1063917
MOUNTA	446
MOUNTAA	3
MOUNTAAD	1
MOUNTAALE	1

MOUNTAAM	1
MOUNTAA-N	1
(L20 AND((MOUNT\$4 OR ATTACH\$4 OR SECUR\$3) WITH (CHIP))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	4

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Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040170445 A1

Using default format because multiple data bases are involved.

L27: Entry 1 of 5

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 2. Document ID: US 20010055493 A1

L27: Entry 2 of 5

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010055493

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010055493 A1

TITLE: Image forming apparatus

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Asanuma, Masato	Nara-shi		JP	
Takenouchi, Kouichi	Tenri-shi		JP	
Naoui, Hiroo	Nara-Shi		JP	
Fujita, Syouichi	Kashiba-shi		JP	
Sakita, Hirofumi	Tenri-shi		JP	
Saiko, Hideji	Kitakatsuragi-gun		JP	

US-CL-CURRENT: 399/25; 399/26, 399/27

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 6512896 B2

L27: Entry 3 of 5

File: USPT

Jan 28, 2003

US-PAT-NO: 6512896

DOCUMENT-IDENTIFIER: US 6512896 B2

TITLE: Image forming apparatus with detachable mounting process cartridge

DATE-ISSUED: January 28, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Asanuma; Masato	Nara			JP
Takenouchi; Kouichi	Tenri			JP
Naoui; Hiroo	Nara			JP
Fujita; Syouichi	Kashiba			JP
Sakita; Hirofumi	Tenri			JP
Saiko; Hideji	Nara			JP

US-CL-CURRENT: 399/25; 399/26, 399/27

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 4. Document ID: US 5937239 A

L27: Entry 4 of 5

File: USPT

Aug 10, 1999

US-PAT-NO: 5937239

DOCUMENT-IDENTIFIER: US 5937239 A

**\*\* See image for Certificate of Correction \*\***TITLE: Process cartridge and electrophotographic image forming apparatus

DATE-ISSUED: August 10, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Kazushi	Mishima			JP
Uchiyama; Seiji	Numazu			JP
Ito; Yoshihiro	Yokohama			JP
Numagami; Atsushi	Mishima			JP
Yokoyama; Katsunori	Susono			JP

US-CL-CURRENT: 399/111; 399/113, 399/25, 399/90

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	AMC	Draw
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☐ 5. Document ID: US 20040170445 A1

L27: Entry 5 of 5

File: DWPI

Sep 2, 2004

DERWENT-ACC-NO: 2004-651594

DERWENT-WEEK: 200463

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Toner cartridge modification method for laser printer, involves removing portion of shutter arm provided in drum shutter connected to waste bin, and portion of waste bin, simultaneously

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	AMC	Draw
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
CHIP	639905
CHIPS	286857
MOUNT\$4	0
MOUNT	1063917
MOUNTA	446
MOUNTAA	3
MOUNTAAD	1
MOUNTAALE	1
MOUNTAAM	1
MOUNTAA-N	1
(L26 AND ((MOUNT\$4 OR ATTACH\$4 OR SECUR\$3) WITH (CHIP)) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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☐ 1. Document ID: US 20040170445 A1

Using default format because multiple data bases are involved.

L30: Entry 1 of 12

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Data	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 2. Document ID: US 20040091282 A1

L30: Entry 2 of 12

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040091282  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040091282 A1

TITLE: Remanufacturing method for process cartridge

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yokoi, Akiyoshi	Shizuoka		JP	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Data	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 3. Document ID: US 20030228171 A1

L30: Entry 3 of 12

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030228171  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030228171 A1

TITLE: Developing blade, process cartridge, and electrophotographic image forming apparatus

PUBLICATION-DATE: December 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Miyabe, Shigeo	Shizuoka		JP	
Toba, Shinjiro	Shizuoka		JP	

US-CL-CURRENT: 399/111; 399/284

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw U
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☐ 4. Document ID: US 20020172528 A1

L30: Entry 4 of 12

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020172528  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020172528 A1

TITLE: Process cartridge remanufacturing method, disassembling method and assembling method, positioning and connecting apparatus and process cartridge

PUBLICATION-DATE: November 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sekine, Kazumi	Shizuoka-ken		JP	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMC	Draw U
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☐ 5. Document ID: US 20020106213 A1

L30: Entry 5 of 12

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106213  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020106213 A1

TITLE: Remanufacturing method for process cartridge

PUBLICATION-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Higeta, Akira	Shizuoka-ken		JP	
Yasuda, Satoshi	Tokyo		JP	
Kakumi, Yoshiyuki	Tuchiura-shi		JP	

US-CL-CURRENT: 399/104; 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 20020034398 A1

L30: Entry 6 of 12

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034398

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020034398 A1

TITLE: Remanufacturing method for process cartridge

PUBLICATION-DATE: March 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Higeta, Akira	Funabashi-shi		JP	
Yasuda, Satoshi	Tokyo		JP	
Kakumi, Yoshiyuki	Tuchiura-shi		JP	

US-CL-CURRENT: 399/109; 399/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 6941092 B2

L30: Entry 7 of 12

File: USPT

Sep 6, 2005

US-PAT-NO: 6941092

DOCUMENT-IDENTIFIER: US 6941092 B2

TITLE: Remanufacturing method for process cartridge

DATE-ISSUED: September 6, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yokoi, Akiyoshi	Shizuoka			JP

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 8. Document ID: US 6836629 B2

L30: Entry 8 of 12

File: USPT

Dec 28, 2004

US-PAT-NO: 6836629

DOCUMENT-IDENTIFIER: US 6836629 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Developing blade, process cartridge, and electrophotographic image forming apparatus

DATE-ISSUED: December 28, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyabe; Shigeo	Shizuoka			JP
Toba; Shinjiro	Shizuoka			JP

US-CL-CURRENT: 399/111; 399/113, 399/284

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 9. Document ID: US 6788908 B2

L30: Entry 9 of 12

File: USPT

Sep 7, 2004

US-PAT-NO: 6788908

DOCUMENT-IDENTIFIER: US 6788908 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Process cartridge remanufacturing method, disassembling method and assembling method, positioning and connecting apparatus and process cartridge

DATE-ISSUED: September 7, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sekine; Kazumi	Shizuoka-ken			JP

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 10. Document ID: US 6721520 B2

L30: Entry 10 of 12

File: USPT

Apr 13, 2004

US-PAT-NO: 6721520

DOCUMENT-IDENTIFIER: US 6721520 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Remanufacturing method for process cartridge

DATE-ISSUED: April 13, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Higeta; Akira	Shizuoka-ken			JP
Yasuda; Satoshi	Tokyo			JP
Kakumi; Yoshiyuki	Tuchiura			JP

US-CL-CURRENT: 399/109; 399/103, 399/104, 399/113

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
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☐ 11. Document ID: US 6615008 B2

L30: Entry 11 of 12

File: USPT

Sep 2, 2003

US-PAT-NO: 6615008

DOCUMENT-IDENTIFIER: US 6615008 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Remanufacturing method for process cartridge

DATE-ISSUED: September 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Higeta; Akira	Funabashi			JP
Yasuda; Satoshi	Tokyo			JP
Kakumi; Yoshiyuki	Tuchiura			JP

US-CL-CURRENT: 399/109; 399/11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D.
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☐ 12. Document ID: US 5870654 A

L30: Entry 12 of 12

File: USPT

Feb 9, 1999

US-PAT-NO: 5870654

DOCUMENT-IDENTIFIER: US 5870654 A

**\*\* See image for Certificate of Correction \*\***TITLE: Process cartridge remanufacturing method and process cartridge

DATE-ISSUED: February 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sato; Minoru	Yokohama			JP
Odagawa; Kazuyoshi	Koshigaya			JP
Kobayashi; Hiroo	Yokohama			JP
Sasaki; Shinichi	Fujisawa			JP
Kurihara; Satoshi	Yokohama			JP

US-CL-CURRENT: 399/109; 399/110, 399/111, 399/113

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D.
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
JIG	128479
JIGS	22461
(29 AND JIG).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12
(L29 AND (JIG) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	12

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20040170445 A1

Using default format because multiple data bases are involved.

L39: Entry 1 of 2

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw.Ds
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☐ 2. Document ID: US 20030202823 A1

L39: Entry 2 of 2

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030202823

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030202823 A1

TITLE: Developing apparatus

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tamura, Masashige	Chiba		JP	

US-CL-CURRENT: 399/227

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw.Ds
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Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
DRUM	563842
DRUMS	111037
SHUTTER	188505
SHUTTERS	37138
COVER\$4	0
COVER	2306753
COVERA	1281
COVERAAC	1
COVERAAE	49
COVERAAES	2
COVERAAE:	1
(L38 AND ((DRUM) WITH (COVER\$4 OR SHUTTER OR SHIELDS\$3)) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040170445 A1

Using default format because multiple data bases are involved.

L46: Entry 1 of 5

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 2. Document ID: US 20020106213 A1

L46: Entry 2 of 5

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106213

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020106213 A1

TITLE: Remanufacturing method for process cartridge

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Higeta, Akira	Shizuoka-ken		JP	
Yasuda, Satoshi	Tokyo		JP	
Kakumi, Yoshiyuki	Tuchiura-shi		JP	

US-CL-CURRENT: 399/104; 399/109



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	AMC	Draw D.
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☐ 3. Document ID: US 20020034398 A1

L46: Entry 3 of 5

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034398

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020034398 A1

TITLE: Remanufacturing method for process cartridge

PUBLICATION-DATE: March 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Higeta, Akira	Funabashi-shi		JP	
Yasuda, Satoshi	Tokyo		JP	
Kakumi, Yoshiyuki	Tuchiura-shi		JP	

US-CL-CURRENT: 399/109; 399/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	AMC	Draw D.
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☐ 4. Document ID: US 6721520 B2

L46: Entry 4 of 5

File: USPT

Apr 13, 2004

US-PAT-NO: 6721520

DOCUMENT-IDENTIFIER: US 6721520 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Remanufacturing method for process cartridge

DATE-ISSUED: April 13, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Higeta, Akira	Shizuoka-ken			JP
Yasuda, Satoshi	Tokyo			JP
Kakumi, Yoshiyuki	Tuchiura			JP

US-CL-CURRENT: 399/109; 399/103, 399/104, 399/113

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	AMC	Draw D.
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☐ 5. Document ID: US 6615008 B2

L46: Entry 5 of 5

File: USPT

Sep 2, 2003

US-PAT-NO: 6615008

DOCUMENT-IDENTIFIER: US 6615008 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Remanufacturing method for process cartridge

DATE-ISSUED: September 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Higeta; Akira	Funabashi			JP
Yasuda; Satoshi	Tokyo			JP
Kakumi; Yoshiyuki	Tuchiura			JP

US-CL-CURRENT: 399/109; 399/11

Full	Title	Cratn	Front	Review	Classification	Date	Reference			Claims	Notes	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
JIG	128479
JIGS	22461
(45 AND JIG).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5
(L45 AND (JIG) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20040114959 A1

Using default format because multiple data bases are involved.

L55: Entry 1 of 4

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040114959  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040114959 A1

TITLE: Method and apparatus for converting toner cartridges to fit various types of printing machines

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	SWC	Drawings
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☐ 2. Document ID: US 20020077979 A1

L55: Entry 2 of 4

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020077979  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020077979 A1

TITLE: Service management method, product-in-circulation to which the same is applied, service management device, service management network system, service management program, and computer-readable program product with the program stored thereon

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nagata, Masaya	Nara-shi		JP	

US-CL-CURRENT: 705/40

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D.
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☐ 3. Document ID: JP 2004219512 A

L55: Entry 3 of 4

File: JPAB

Aug 5, 2004

PUB-NO: JP02004219512A  
DOCUMENT-IDENTIFIER: JP 2004219512 A  
TITLE: PROCESS CARTRIDGE

PUBN-DATE: August 5, 2004

## INVENTOR-INFORMATION:

NAME

COUNTRY

MASUDA, KATSUMI

INT-CL (IPC): G03 G 15/08; G03 G 21/10; G03 G 21/18

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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☐ 4. Document ID: JP 10142913 A

L55: Entry 4 of 4

File: JPAB

May 29, 1998

PUB-NO: JP410142913A  
DOCUMENT-IDENTIFIER: JP 10142913 A  
TITLE: IDENTIFICATION TYPE CARTRIDGE AND CARTRIDGE ATTACHABLE IMAGE FORMING DEVICE

PUBN-DATE: May 29, 1998

## INVENTOR-INFORMATION:

NAME

COUNTRY

YOKOGAWA, NOBUHITO

OSHIMA, KIYOSHI

UMEZAWA, NOBUHIKO

INT-CL (IPC): G03 G 15/08; G03 G 21/18; G03 G 21/00; G03 G 21/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
CONVERSION	967176
CONVERSIONS	57121

TONER	210476
TONERS	27605
CARTRIDGE	246900
CARTRIDGES	77626
DIFFERENT	4615218
DIFFERENTS	283
ANOTHER	13
ANOTHERS	112
TYPE	6042118
(((REUS\$3 OR RECYCL\$3 OR CONVERT\$3 OR CONVERSION) WITH ((TONER) WITH (CARTRIDGE)) WITH (DIFFERENT OR ANOTHER) WITH (TYPE OR KIND OR MODEL\$3)) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	4

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[Generate OACS](#)

Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20050185982 A1

Using default format because multiple data bases are involved.

L62: Entry 1 of 8

File: PGPB

Aug 25, 2005

PGPUB-DOCUMENT-NUMBER: 20050185982  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050185982 A1

TITLE: Method and apparatus for converting process cartridges to fit various types of printing machines

PUBLICATION-DATE: August 25, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20040170445 A1

L62: Entry 2 of 8

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20040141768 A1

L62: Entry 3 of 8

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040141768  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040141768 A1

TITLE: PRINTER CARTRIDGE AND METHOD OF MAKING OR REFURBISHING

PUBLICATION-DATE: July 22, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Daniels, Matthew P.</u>	Pittsboro	NC	US	
Lewis, Lawrence D.	Sanford	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC	Draw D.
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☐ 4. Document ID: US 20040114959 A1

L62: Entry 4 of 8

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040114959  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040114959 A1

TITLE: Method and apparatus for converting toner cartridges to fit various types of printing machines

PUBLICATION-DATE: June 17, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Daniels, Matthew P.</u>	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	DOC	Draw D.
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☐ 5. Document ID: US 20040061742 A1

L62: Entry 5 of 8

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040061742  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040061742 A1

TITLE: PRINTER CARTRIDGE AND METHOD OF MAKING OR REFURBISHING

PUBLICATION-DATE: April 1, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Daniels, Matthew</u>	Pittsboro	NC	US	

US-CL-CURRENT: 347/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 6904248 B2

L62: Entry 6 of 8

File: USPT

Jun 7, 2005

US-PAT-NO: 6904248

DOCUMENT-IDENTIFIER: US 6904248 B2

TITLE: Method and apparatus for converting process cartridges to fit various types of printing machines

DATE-ISSUED: June 7, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Daniels, Matthew P.</u>	Pittsboro	NC		

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 6801733 B2

L62: Entry 7 of 8

File: USPT

Oct 5, 2004

US-PAT-NO: 6801733

DOCUMENT-IDENTIFIER: US 6801733 B2

TITLE: Printer cartridge and method of making or refurbishing

DATE-ISSUED: October 5, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Daniels, Matthew P.</u>	Pittsboro	NC		
Lewis, Lawrence D.	Sanford	NC		

US-CL-CURRENT: 399/109; 29/402.01, 29/402.02, 29/402.09, 29/402.14, 29/402.16,  
29/854, 29/890.1



Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Draw D
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☐ 8. Document ID: US 6736487 B2

L62: Entry 8 of 8

File: USPT

May 18, 2004

US-PAT-NO: 6736487

DOCUMENT-IDENTIFIER: US 6736487 B2

TITLE: Printer cartridge and method of making or refurbishing

DATE-ISSUED: May 18, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Daniels; Matthew	Pittsboro	NC		

US-CL-CURRENT: 347/50

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	AMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
TONER	210476
TONERS	27605
CARTRIDGE	246900
CARTRIDGES	77626
(61 AND (TONER WITH CARTRIDGE)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	8
(L61 AND ((TONER) WITH (CARTRIDGE)) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	8

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Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 20040170445 A1

**Using default format because multiple data bases are involved.**

L63: Entry 1 of 1

File: PGPB

Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040170445

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040170445 A1

TITLE: Systems and methods for toner cartridge conversion

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moore, Darin L.	Morrisville	NC	US	
Daniels, Matthew P.	Pittsboro	NC	US	

US-CL-CURRENT: 399/109

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
DRUM	563842
DRUMS	111037
SHUTTER	188505
SHUTTERS	37138
COVER	2306753
COVERS	653894
ARM	1497855
ARMS	900635
SUPPORT	3534442
SUPPORTS	1204320
PROJECTION	848694

(L62 AND ((DRUM OR SHUTTER OR COVER OR SHIELD\$4) WITH (ARM OR SUPPORT OR PROJECTION)) ).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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